

ABSTRACT OF THE DISCLOSURE

SURGICAL CLIPS AND METHODS FOR TISSUE APPROXIMATION

5 Surgical clips, and methods of use thereof, are provided for tissue
approximation and attachment, and more particularly, for sealingly joining a graft
vessel to a target vessel. The graft vessel has a free end and a graft vessel wall
defining a graft lumen. The target vessel has a target vessel wall defining a target
lumen and has an opening in the target vessel wall. The anastomosis clip includes a
10 clip body having a distal extremity with a distal end and a proximal extremity with a
proximal end. The distal end is configured to penetrate through the graft vessel wall
near the free end and through the target vessel wall near the opening such that both the
distal and proximal ends of the clip body are outside the graft and target vessels. At
least a portion of the clip body is shapable so as to compress the graft vessel wall
15 against the target vessel wall with the target vessel lumen in communication with the
graft vessel lumen.